

**What is claimed is:**

1        1.    A system for adjusting optical disc drives,  
2 comprising:

3        an optical disc drive component, comprising a  
4            rotating disc and a reflector located on the  
5            rotating disc;

6        a monitor;

7        a switch box, coupled to the monitor;

8        an autocollimator, coupled to the switch box,  
9            located above the rotating disc, for sensing a  
10            tilt angle of the reflector on the rotating  
11            disc and transmitting signals to the switch box  
12            to display a first bright spot on the monitor;

13        a host, coupled to the switch box, for calculating  
14            the tilt angle of the optical drive component  
15            and transmitting signals to the switch box to  
16            display a second bright spot on the monitor;  
17        and

18        an adjustment mechanism for adjusting the optical  
19            drive component and switching signals from the  
20            autocollimator and the host using the switch  
21            box, enabling the first bright spot from the  
22            autocollimator to coincide with the second  
23            bright spot from the host.

1        2.    The system as claimed in claim 1, wherein the  
2 switch box is a TV tuner.

1        3.    The system as claimed in claim 1, wherein the  
2 monitor is a cathode ray tube monitor.

1           4.    The system as claimed in claim 1, wherein the  
2 monitor is a liquid crystal display.

1           5.    A system for adjusting optical disc drives,  
2 comprising:

3           an optical disc drive component, comprising an  
4           optical pickup head, a rotating disc, and a  
5           reflector located on the rotating disc;

6           a monitor;

7           a switch box, coupled to the monitor;

8           an autocollimator, coupled to the switch box,

9           located above the rotating disc, for sensing a

10          tilt angle of a reflector on the rotating disc,

11          and transmitting signals to the switch box to

12          display a first bright spot on the monitor;

13          a reader, reading a bar code of the optical pickup

14          head;

15          a host, coupled to the reader and switch box,

16          calculating the tilt angle of the optical drive

17          component according to the bar code content and

18          transmitting signals to the switch box to

19          display a second bright spot on the monitor;

20          and

21          an adjustment mechanism, adjusting the optical drive

22          component and switching signals from the

23          autocollimator and the host using the switch

24          box to, enable the first bright spot from the

25          autocollimator to coincide with the second

26          bright spot from the host.

1           6.    The system as claimed in claim 5, wherein the  
2 bar code content of the optical pickup head refers to a  
3 tilt angle with an optimum jitter value of the optical  
4 pickup head.

1           7.    The system as claimed in claim 5, wherein the  
2 reader is a bar code reader.

1           8.    The system as claimed in claim 5, wherein the  
2 switch box is a TV tuner.

1           9.    The system as claimed in claim 5, wherein the  
2 monitor is a cathode ray tube monitor.

1           10.   The system as claimed in claim 5, wherein the  
2 monitor is a liquid crystal display

1           11.   A method for adjusting optical disc drives,  
2 comprising steps of:

3           sensing a tilt angle of a rotating disc located on  
4           top of a spindle motor using an autocollimator;  
5           outputting a first bright spot according to the tilt  
6           angle from the rotating disc to a monitor  
7           through a switch box;

8           calculating a tilt angle of an optical pickup head  
9           through a host;

10          outputting a second bright spot according to the  
11          tilt angle from the optical pickup head through  
12          the switch box; and

13          adjusting the first bright spot to coincide with the  
14          second bright spot to obtain an optimum tilt  
15          angle of the optical drive.

1        12. A method for adjusting optical disc drives,  
2 comprising steps of:

3        sensing a tilt angle of a rotating disc located on  
4            the top of a spindle motor using an  
5            autocollimator;

6        outputting a first bright spot according to the tilt  
7            angle from the rotating disc to a monitor  
8            through a switch box;

9        reading a bar code set on an optical pickup head  
10           using a reader;

11       calculating a tilt angle of the optical pickup head  
12           according to the bar code content through a  
13           host;

14       outputting a second bright spot according to the  
15           tilt angle from the optical pickup head through  
16           the switch box; and

17       adjusting the first bright spot to coincide with the  
18           second bright spot to obtain an optimum tilt  
19           angle of the optical drive.

1        13. The method as claimed in claim 12, wherein the  
2 bar code content refers to a tilt angle with an optimum  
3 jitter value of the optical pickup head.